

Commonwealth of Massachusetts  
Department of Telecommunications and Energy  
Fitchburg Gas and Electric Light Company  
Docket No: D.T.E. 02-84  
Department's First Set of Information Requests

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**Request No.: DTE-1-1**

Refer to Schedule MHC-7, at 18-21. Please explain how the "Weighted Days" are calculated on the bottom row for each of the default service power supply contracts on these worksheets.

**Response:**

The "Weighted Days" shown on the bottom row for each default service provider are calculated using the following formula:

$$\frac{\$ \text{ Amount By Month}}{\$ \text{ Amount Total Year}} \times \text{Weighted Days By Month}$$

Where:

$$\$ \text{ Amount Total Year} = \text{Total Vendor Payment For Year}$$

$$\$ \text{ Amount By Month} = \text{Amount Vendor Payment For Given Month Current or Adjustments}$$

$$\text{Weighted Days By Month} = \text{Amount of Lead Period for a given month times \% to Total}$$

For example, in calculating the monthly Weighted Days, see Cons. Edison Energy for March, and proceed as follows:

$$\frac{1,606,786}{1,792,528} = .896 \times 12.8 = 11.47$$

$$\frac{185,742}{1,792,528} = .103 \times (.848) = \frac{(.08)}{11.3}$$

Total Weighted Days per supplier is composed of the sum of the monthly results.

**Person Responsible: Mark H. Collin**

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Department's First Set of Information Requests

---

**Request No.: DTE-1-2**

Refer to Schedule MHC-7, at 19-20. Please explain why the "% of Total" values under the rows headed by "Adjustments" do not sum to 100.

**Response:**

The Percentage of Total is calculated by dividing the \$ Amount Current Month by the \$ Amount Total Year. The total annual amount includes the aggregate of all monthly expenses and refunds. These amounts do not sum to 100% because the \$ Amount Total Year is net of refunds and adjustments (i.e. negative values), which distort % relationships.

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---

**Request No.: DTE-1-3**

Refer to Schedule MHC-7, at 17-21. Please provide the frequency of bills for each default service power supply contract (i.e., monthly, bi-monthly, daily).

**Response:**

The bills are submitted on a monthly basis.

**Person Responsible:**      **Mark H. Collin**

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---

**Request No.: DTE-1-4**

Refer to Schedule MHC-7, at 18-21. Is the "Payment Date" the date that Fitchburg was billed by the default service power supplier? If not, please provide the billing date for each instance where the payment date is provided.

**Response:**

No, the "Payment" is not the date that FG&E is billed by the supplier. The billing date and payment date for all suppliers on Schedule MHC-7, at pages 18-21, is detailed on Attachment DTE-1-4, Pages 1 through 3.

**Person Responsible: Mark H. Collin**

**FITCHBURG GAS AND ELECTRIC LIGHT COMPANY  
BILLING DATE INFORMATION**

<b>SUPPLIER</b>	<b>MONTH ENERGY PURCHASED</b>	<b>\$ AMOUNT</b>	<b>PAYMENT DATE</b>	<b>BILLING DATE</b>
<b>AES NEW ENERGY</b>	June	\$482,995	07/20/01	07/05/01
	July	\$531,394	08/20/01	08/07/01
		\$2,560	12/10/01	11/28/01
	August	\$676,630	09/20/01	09/06/01
		\$1,640	12/10/01	11/28/01
	September	\$354,933	10/22/01	10/09/01
		\$1,047	12/10/01	11/28/01
	October	\$363,605	11/21/01	11/05/01
		\$1,556	12/10/01	11/28/01
		\$50,974	01/29/02	11/28/01
	November	\$319,876	12/20/01	12/10/01
<b>CONS. EDISON ENGY</b>		\$65,742	01/29/02	11/28/01
	January	\$262,291	03/09/01	02/22/01
		\$172,443	07/03/01	06/18/01
	February	\$367,227	03/30/01	03/15/01
		\$35,905	09/26/01	08/21/01
	March	\$345,416	05/15/01	04/30/01
		(\$1,774)	09/26/01	08/21/01
	April	\$294,405	05/30/01	05/17/01
		(\$7,210)	09/26/01	08/21/01
	May	\$337,447	07/03/01	06/18/01
<b>DOMINION NUCLEAR</b>		(\$13,622)	09/26/01	08/21/01
	December	\$311,421	01/25/02	01/04/02

**FITCHBURG GAS AND ELECTRIC LIGHT COMPANY  
BILLING DATE INFORMATION**

<b>SUPPLIER</b>	<b>MONTH ENERGY PURCHASED</b>	<b>\$ AMOUNT</b>	<b>PAYMENT DATE</b>	<b>BILLING DATE</b>
<b>CONSTELLATION POW.</b>	<b>January</b>	<b>\$1,855,942</b>	<b>2/26/2001</b>	<b>02/16/01</b>
		<b>(\$74,196)</b>	<b>8/27/2001</b>	<b>08/15/01</b>
	<b>February</b>	<b>\$1,672,297</b>	<b>3/26/2001</b>	<b>03/16/01</b>
		<b>\$12,462</b>	<b>8/27/2001</b>	<b>08/15/01</b>
	<b>March</b>	<b>\$1,731,441</b>	<b>4/25/2001</b>	<b>04/09/01</b>
		<b>\$622</b>	<b>8/27/2001</b>	<b>08/15/01</b>
	<b>April</b>	<b>\$1,566,256</b>	<b>5/25/2001</b>	<b>05/11/01</b>
		<b>\$6,536</b>	<b>8/27/2001</b>	<b>08/15/01</b>
	<b>May</b>	<b>\$1,628,131</b>	<b>6/25/2001</b>	<b>06/11/01</b>
		<b>\$7,024</b>	<b>8/27/2001</b>	<b>08/15/01</b>
	<b>June</b>	<b>\$1,692,380</b>	<b>7/25/2001</b>	<b>07/11/01</b>
		<b>\$2,076</b>	<b>10/25/2001</b>	<b>10/10/01</b>
	<b>July</b>	<b>\$1,932,053</b>	<b>8/27/2001</b>	<b>08/15/01</b>
		<b>\$24,500</b>	<b>8/31/2001</b>	<b>08/14/01</b>
		<b>(\$1,359)</b>	<b>10/25/2001</b>	<b>10/10/01</b>
	<b>August</b>	<b>\$2,325,800</b>	<b>9/26/2001</b>	<b>09/14/01</b>
		<b>(\$4,075)</b>	<b>11/26/2001</b>	<b>11/10/01</b>
	<b>September</b>	<b>\$1,944,731</b>	<b>10/26/2001</b>	<b>10/10/01</b>
		<b>(\$9,770)</b>	<b>11/26/2001</b>	<b>11/10/01</b>
	<b>October (1)</b>	<b>\$1,936,594</b>	<b>11/26/2001</b>	<b>11/10/01</b>
		<b>(\$39,409)</b>	<b>11/26/2001</b>	<b>11/10/01</b>
	<b>November (1)</b>	<b>\$1,830,755</b>	<b>12/28/2001</b>	<b>12/12/01</b>
		<b>(\$114,224)</b>	<b>2/20/2002</b>	<b>02/08/03</b>
	<b>December</b>	<b>\$1,815,971</b>	<b>1/25/2002</b>	<b>01/10/02</b>
		<b>(\$41,914)</b>	<b>3/25/2002</b>	<b>3/11/2003</b>

(1) Typo of payment dates on original schedule corrected.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY  
BILLING DATE INFORMATION

SUPPLIER	MONTH ENERGY PURCHASED	\$ AMOUNT	PAYMENT DATE	BILLING DATE
N.E. POWER CO. COMPREHENSIVE	January	\$55,260	3/26/2001	2/23/2001
	February	\$3,973	4/25/2001	3/23/2001
	March	\$26,938	5/25/2001	4/27/2001
	April	\$50,890	6/15/2001	5/23/2001
	May	\$22,015	7/19/2001	6/22/2001
	June	\$7,858	8/17/2001	7/24/2001
	July	\$10,627	9/17/2001	8/23/2001
	August	\$10,936	10/12/2001	9/19/2001
	September	\$441	12/21/2001	11/27/2001
	October	\$9,097	12/21/2001	11/27/2001
	November	\$20,409	1/11/2002	N/A
	December	\$28,605	2/4/2002	1/18/2002
ISO NEW ENGLAND, INC.	January	\$80,962	2/22/2001	N/A
	February	\$79,108	3/20/2001	3/12/2001
	March	\$73,223	4/20/2001	4/9/2001
	April	\$74,689	5/20/2001	5/9/2001
	May	\$80,864	6/22/2001	6/11/2001
	June	\$88,556	7/20/2001	7/11/2001
	July	\$121,590	8/20/2001	8/13/2001
	August	\$112,647	9/20/2001	9/12/2001
	September	\$93,417	10/22/2001	10/15/01
	October	\$102,059	11/20/2001	11/9/01
	November	\$93,954	12/20/2001	12/10/01
	December	\$88,866	1/22/2002	1/11/02

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Docket No: DTE 02-84  
Department's First Set of Data Requests

---

**Request No.: DTE-1-6**

Please provide the write-off of electric uncollectible accounts expense by month in 2000.

**Response:**

The write-off of electric uncollectible accounts expense by month in 2000 follows (amounts are net write-offs):

<b><u>Month</u></b>	<b><u>Amount (\$)</u></b>
January	20,867
February	22,238
March	22,504
April	23,707
May	18,560
June	38,913
July	26,563
August	8,465
September	23,773
October	28,223
November	21,988
December	35,734
<b>Total – 2000</b>	<b>291,535</b>

**Person Responsible: Mark H. Collin**



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Department of Telecommunications and Energy  
Fitchburg Gas and Electric Light Company  
Docket No: DTE 02-84  
Department's First Set of Data Requests

---

**Request No.: DTE-1-9**

Refer to Schedule MHC-2, at 1 (Column 2). Please provide supporting workpapers for the 2.43 cents per kilowatthour transition charge that begins in 2006.

**Response:**

There is no supporting workpaper for the 2.43 cents per kWh transition charge that begins in 2006. Attachment DTE-1-9 is a revised Schedule MHC-2, page 1, correcting an error to reflect the appropriate transition charge cap of 2.42 cents that is projected for the years 2006-2011.

This 2.42 cent transition charge cap reflects the maximum transition charge that FG&E is allowed to bill per its approved Restructuring Plan (See M.D.T.E. Final Order in DTE 97-115/98-120 at page 74 dated January 15, 1999). Currently, FG&E is constrained from billing at this transition charge level by the inflation adjusted 15% rate reduction requirement of the Massachusetts Restructuring Legislation.

**Person Responsible: Mark H. Collin**

**Fitchburg Gas and Electric Light Company**  
**Transition Charge Calculation**

\$ in Thousands

Year	kWh Delivered (1)	Transition Charge Billed (2)	Transition Revenues for Delivered kWh (3)	Total		Total Costs to be Recovered (6)	Current Year Deferral (7)	Prior Year Deferral Balance (8)	Computed Interest (9)	Cumulative Deferral Including Interest (10)
				Fixed Component (4)	Variable Component (5)					
Actual										
1998*	403,021	2.18	\$8,785	\$1,550	\$7,505	\$9,054	\$269	\$0	\$23	\$292
1999	502,171	1.44	7,227	1,959	8,257	10,216	2,989	292	192	3,474
2000	470,093	1.27	5,968	1,668	8,274	9,942	3,974	3,474	706	8,154
2001	444,551	1.73	7,707	1,483	8,356	9,839	2,132	8,154	1,207	11,492
Forecast										
2002	486,186	1.78	8,658	1,376	7,075	8,450	(208)	11,492	1,513	12,797
2003	502,937	1.10	5,510	1,180	7,128	8,308	2,798	12,797	1,339	16,934
2004	512,996	1.13	5,789	1,096	7,207	8,303	2,515	16,934	1,647	21,096
2005	523,256	1.16	6,081	1,012	7,306	8,318	2,237	21,096	2,011	25,343
2006	533,721	2.42	12,916	929	7,392	8,320	(4,596)	25,343	2,086	22,834
2007	544,395	2.42	13,174	846	7,512	8,358	(4,816)	22,834	1,849	19,867
2008	555,283	2.42	13,438	767	8,028	8,795	(4,643)	19,867	1,588	16,812
2009	566,389	2.42	13,707	688	8,222	8,910	(4,796)	16,812	1,305	13,320
2010	577,717	2.42	13,981		8,336	8,336	(5,645)	13,320	950	8,626
2011	589,271	2.42	14,260		8,467	8,467	(5,793)	8,626	519	3,351
2012	601,056	1.91	11,478		7,981	7,981	(3,496)	3,351	145	0
2013	613,077	0.03	183		183	183	0	0	0	0
2014	625,339	0.03	176		176	176	(0)	0	0	0
				\$14,553	\$117,406	\$131,959			\$17,080	

**Column Notes:**

- (1) Actual deliveries for 1998 - 2001. Year 2002 = 9 months actual + 3 months forecast. Year 2003 current sales forecast. 2004 and beyond assumes 2% growth.
- (2) Years 1998 - 2003 = (Column (3) / Column (1)) \* 100. For 2004 and 2005, a 3% growth in rate is assumed (i.e., through the end of the Standard Offer Service Period). Beginning in 2006, the Transition Charge Cap of 2.42¢ applies, and the rate is set at the lower of the cap or the amount to fully recover the deferred balance.
- (3) Actual revenues for 1998 - 2000. Year 2001 = 9 months actual + 3 months forecast. Year 2002 current revenue forecast. Year 2003 and beyond = (Column (1) \* Column (2)) / 100.
- (4) Page 2, Column (5)
- (5) Page 3, Column (8)
- (6) Column (4) + Column (5)
- (7) Column (6) - Column (3)
- (8) Column (10), Prior Year
- (9) Years 1998 - 2003 = Computed Interest from monthly Transition Model using 12.45% carrying charge prior to 2003. Years 2003 and beyond are calculated using a 9.05% carrying charge per the DTE 01-103 Settlement Agreement.
- (10) Column (7) + Column (8) + Column (9)

\*3/1/98 - 12/31/98

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Fitchburg Gas and Electric Light Company  
Docket No: D.T.E. 02-84  
Department's First Set of Information Requests

---

**Request No.: DTE-1-13**

Refer to Schedule MHC-7, at 14. For both gas and electric customers, what factors account for the different number of days that separate the 20 cycles?

**Response:**

The primary factors that affect the number of days required to process customer bills for any given cycles include the following: (1) weekends or holidays; (2) processing rate changes; and (3) on a monthly basis, time required for billing/accounting matters, such as checking data for validity, accuracy and consistency.

**Person Responsible: Mark H. Collin**

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Docket No: DTE 02-84  
Department's First Set of Data Requests

---

**Request No.: DTE-1-15**

Refer to Exhibit FGE DJD-1, at 5. Please show in detail how the Company calculated the carrying charge of 9.05 percent.

**Response:**

The calculation of the 9.05 percent carrying charge for the Transition Charge account balance is shown in Schedule MHC-2, page 19. It is the weighted average cost rate of LTD – Taxable, Preferred, and Common Equity. This rate is applied per the Settlement Agreement in DTE 01-103.

**Person Responsible:** Mark H. Collin